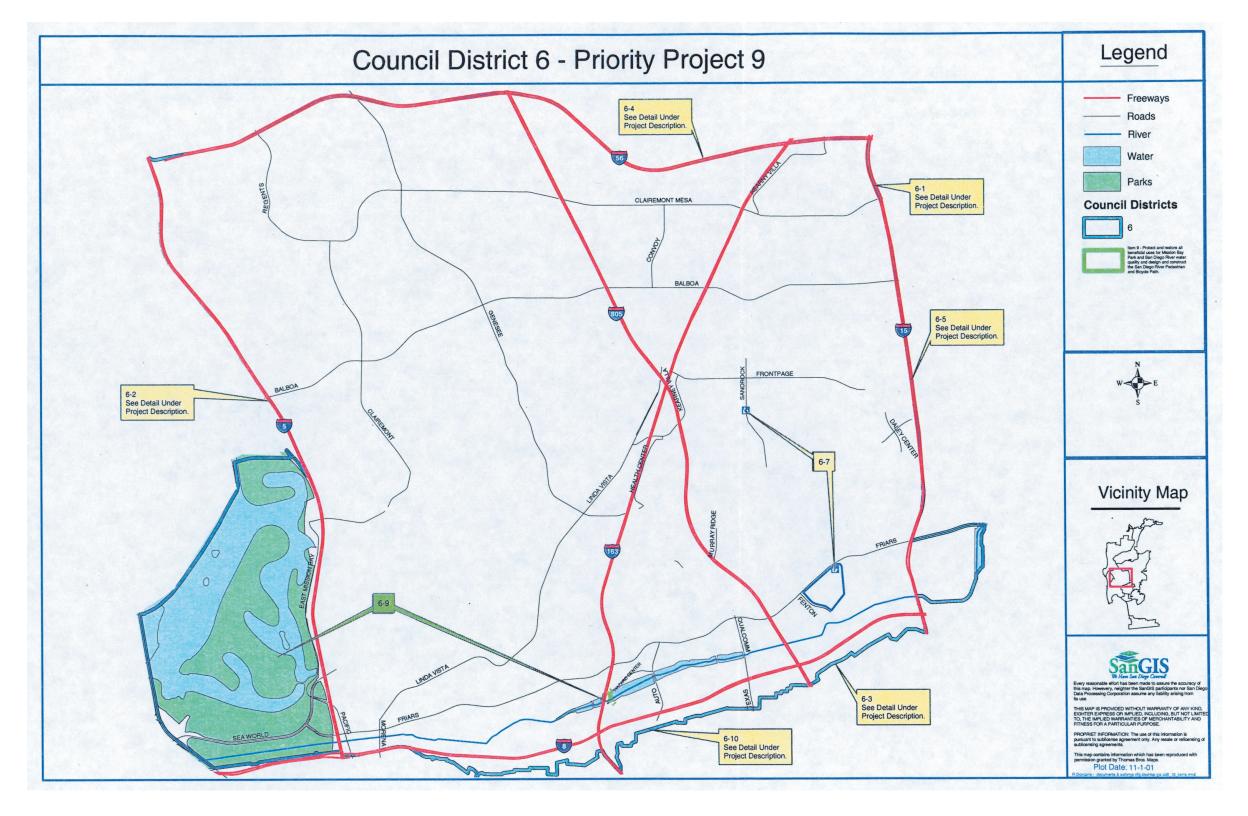
COUNCIL PRIORITY 6-9

PROTECT AND RESTORE ALL BENEFICIAL USES FOR MISSION BAY PARK AND SAN DIEGO RIVER WATER QUALITY AND DESIGN AND CONSTRUCT THE SAN DIEGO RIVER PEDESTRIAN AND BICYCLE PATH



COUNCIL DISTRICT 6 PRIORITY 6-9a

Updated: March 18, 2004

PROJECT:

Project Name: San Diego River Bike Path

Project Description: A Class I bike path for the exclusive use of non-motorized traffic along the San Diego River. This path is a part of a larger planned path system along the San Diego River to connect the beaches in the west to Mission Trails Regional Park in the east. The portion of the path system between the beaches and Pacific Highway already exists. Also, significant portions of the San Diego River Bike Path in District 6 already exist from SR-163 to Qualcomm Way. However, several segments of the San Diego River Bike Path are in various stages of development as outlined below:

- Pacific Highway-Hotel Circle, CIP 58-156.0: This segment will connect the existing San Diego River Bike Path terminating at Pacific Highway to Hotel Circle. Two grants each in the amounts of \$150,000 in TDA/LTF funding have been secured for this segment. Council District 6 also contributed \$150,000 in Gas Tax money for a total of \$450,000, which would carry the project through the environmental documentation and final design phase. This phase is expected to be completed by August, 2005. The construction cost is estimated at \$1,900,000, and grant funding will be pursued once final design is complete.
- Hotel Circle-Fashion Valley: Funding to conduct a feasibility study for this segment of the San Diego River Bike Path will be pursued in Fiscal Year 2005.
- Camino De La Siesta-Avenida Del Rio, CIP 58-142.0: This short segment of bike path was needed to connect the existing San Diego River Bike Path adjacent to Camino De La Reina to Avenida Del Rio. This project is funded in the amount of \$184,080 in a combination of private and TransNet funds in addition to \$41,000 in gas tax money provided by Council District 6 for an interim total of \$225,080. This project has been constructed and is complete, however there was a budget shortfall of \$40,000 due to necessary changes during construction for a retaining wall and additional handrail. An additional \$34,259 of TransNet funds was allocated to the project. The total project cost is \$259,339.
- Qualcomm Way-Qualcomm Stadium: A feasibility study, which identified several alternative alignments for this segment was completed. Design and construction costs were estimated at \$3,000,000. Funding for the design phase of this project will be pursued within the next few years.
- Qualcomm Stadium-Zion Avenue, CIP 58-146.0: A feasibility study has been completed for this segment of the bike path. Total cost of this project was estimated at \$4,000,000.
- Zion Avenue-Princess View Drive, CIP 58-160.0: A feasibility study for this segment is underway and a draft was submitted for staff to review in November, 2003. \$50,000 in grant funding is available for this study.
- Princess View Drive-Mission Trails Regional Park, CIP 58-165.0: Grant funding in the amount of \$50,000 to conduct a feasibility study for this segment has been recently secured. The study will go to bid in January, 2004 and is expected to be completed in December, 2004.
- Grade-separation of street crossings: This will provide for grade separation of the San Diego River Bike Path, where it crosses Mission Center Road and Qualcomm Way. Funding to study the feasibility of these facilities will be pursued in the future.

CIP #: Varied

Cross Reference:

Mayor's Goal: #2, Reduce Traffic Congestion.

CURRENT LEAD AND SUPPORTING DEPARTMENTS:

COUNCIL DISTRICT 6 PRIORITY 6-9a

Updated: March 18, 2004

Department: Engineering & Capital Projects

Director: Frank Belock

Key Contact for more information: Larry Van Wey 533-3005

Supporting Departments: Transportation

ACTION PLAN:

- 1. Is the project adequately defined? Yes
- 2. Is policy direction needed? Yes.
- 3. What will it cost? Approximately \$32 million.
- 4. Is it funded (Capital and Maintenance and Operations)? \$625,080 is available currently, as detailed above.
- 5. What is the source? Gas Tax, Local Transportation Fund, Private Funds, TransNet
- 6. Has it been designed? The portion of the San Diego River Path between Pacific Highway and Hotel Circle North (CIP 58-156.0) is currently in design.
- 7. Has the community been involved? Yes
- 8. Is it permitted? No.
- 9. Is it under construction? No.

TIME LINE:

Milestones:

| Pacific Highway-Hotel Circle. Environmental documentation and final design phase. | August, 2005 |
|-----------------------------------------------------------------------------------|----------------|
| Hotel Circle-Fashion Valley - Feasibility study | 2005 |
| Princess View Drive-Mission trails Regional Park -Feasibility study bid | January, 2004 |
| Princess View Drive-Mission trails Regional Park -Feasibility study completion | December, 2004 |

COUNCIL DISTRICT 6 PRIORITY 6-9b

PROJECT:

Project Name: Tecolote & Cudahy Creeks Treatment Wetlands

Project Description: Construct treatment wetlands at Tecolote Creek. This proposed project would support the Mayor's goal to reduce beach posting and closure days by 50% by 2004.

Updated: March 18, 2004

CIP #: 229450 Cross Reference:

Mayor's Goal: #4, Clean Up Our Beaches and Bays.

CURRENT LEAD AND SUPPORTING DEPARTMENTS:

Department: Park & Recreation Director: Ellen Oppenheim

Key Contact for more information: April Penera 525-8223

Mark Marney 525-8242

Supporting Departments: General Services

ACTION PLAN:

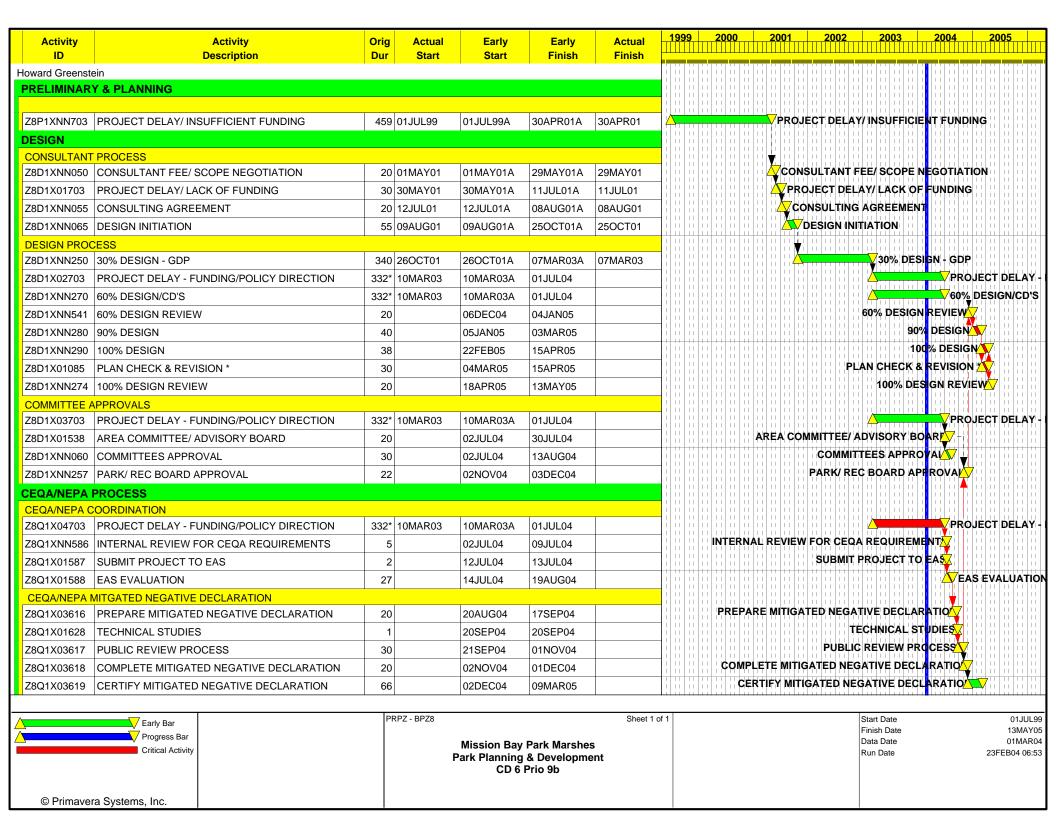
1. Is the project adequately defined? Yes

- 2. Is policy direction needed? Yes. Operations and maintenance costs should be considered before proceeding with this project. Operations and maintenance costs are expected to be significant. We are currently in the process of developing an operations management plan that will project the cost to maintain the facility and funding sources to server in order to approve the Project.
- 3. What will it cost? \$4 million.
- 4. Is it funded (Capital and Maintenance and Operations)? Partially. A portion of design is funded
- 5. What is the source? \$160,000 for design only from the Sludge Mitigation Fund. The consultant contract is for \$160,000. There are no funds for CEQA evaluation and permitting at this time.
- 6. Has it been designed? Yes, except for permitting and agency reviews.
- 7. Has the community been involved? Yes. Project was presented as information item to the Mission Bay Committee on 6/4/02. Wetland Advisory Board approved 7/15/03
- 8. Is it permitted? No
- 9. Is it under construction? No

TIME LINE:

Milestones:

A P3 schedule was completed. However, there are so many delays due to lack of funding to complete various stages, it is not reliable at this time and we are unable to project a finish date.



COUNCIL DISTRICT 6 PRIORITY 6-9c

Updated: March 18, 2004

7/2003

PROJECT:

Project Name: Rose & Tecolote Creeks Water Quality Improvements

Project Description: Construct storm water Best Management Practices (BMP's) or structual controls within the watershed and evalute their effectiveness. A project from the work program supporting the Mayor's goal to reduce beach posting and closure days by 50% by 2004.

CIP #: 320500 Cross Reference:

Mayor's Goal: #4, Clean Up Our Beaches and Bays.

CURRENT LEAD AND SUPPORTING DEPARTMENTS:

Department: General Services
Director: Ernie Anderson

Key Contact for more information: Daniel Lottermoser 525-8625

Supporting Departments:

ACTION PLAN:

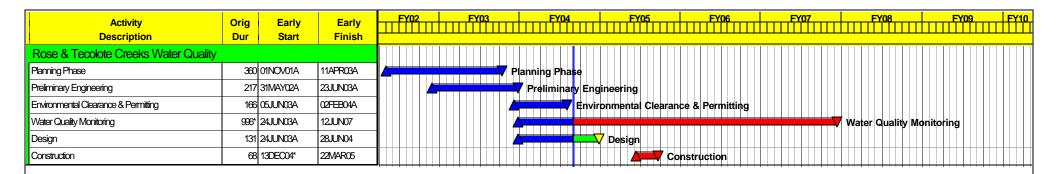
- 1. Is the project adequately defined? Yes.
- 2. Is policy direction needed? No.
- 3. What will it cost? \$2,000,000
- 4. Is it funded (Capital and Maintenance and Operations)? Yes.
- 5. What is the source? State 2001 grants
- 6. Has it been designed? In process.
- 7. Has the community been involved? N/A
- 8. Is it permitted? In process.
- 9. Is it under construction? No.

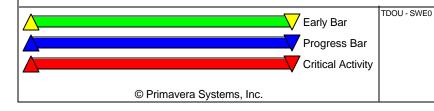
TIME LINE:

Milestones:

Planning and Preliminary Engineering phases were completed.

Design and permitting are in process. 1/2004





Rose & Tecolote Creeks Water Quality Improvements

6-9c



| Start Date | 19JUN02 |
|-------------|---------|
| Finish Date | 12JUN07 |
| Data Date | 01MAR04 |

COUNCIL DISTRICT 6 PRIORITY 6-9d

PROJECT:

Project Name: Mission Bay Contaminant Dispersion Study

Project Description: Predict the extent of contaminant under a variety of physical

conditions, such as tidal and creek influences. A project from the work program supporting the Mayor's goal to reduce beach posting

Updated: September 18, 2003

and closure days by 50% by 2004.

CIP#:

ACTION PLAN:

Cross Reference:

Mayor's Goal: #4, Clean Up Our Beaches and Bays.

CURRENT LEAD AND SUPPORTING DEPARTMENTS:

Department: General Services
Director: Ernie Anderson
Key Contact for more information: Ruth Kolb 525-8636

Supporting Departments:

COMPLETED

1. Is the project adequately defined? Yes.

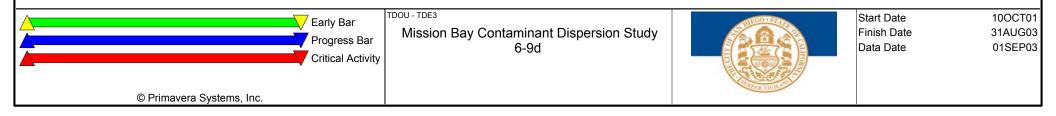
- 2. Is policy direction needed? No.
- 3. What will it cost? \$400,000
- 4. Is it funded (Capital and Maintenance and Operations)? Yes.
- 5. What is the source? N/A
- 6. Has it been designed? N/A
- 7. Has the community been involved? No.
- 8. Is it permitted? N/A
- 9. Is it under construction? N/A

TIME LINE:

Milestones:

Completed 4/30/2003

| Activity | Orig | Early | Early | | | FY02 | | | | | | FY | 03 | | | | | | | | FY04 | ļ | | | | FY05 |
|------------------------------------------|------|----------|----------|---------|----|---------------|-------------|---------|---------|--------|---------|--------|----------------|-------|---------------|--------|---------|-------|-------|--------|--------|--------|-----|------|--------|------|
| Description | Dur | Start | Finish | O N | D | FY02 J F M | AN | ΛJ | JA | S | O N | D | J F | M | A | 1 J | J | 4 5 | 0 | N | D . | J F | M | ΑΙ | M J | JA |
| Description | Dui | Start | FIIIISII | 1111111 | шш | | и и и и и и | шшц | | ببنينا | | | | шш | 111111 | | | ш | шш | | шш | 111111 | ш | шш | 111111 | |
| Mission Bay Contaminant Dispersi | ion | | | | | | | 1 | | | I I | | 1 | 1 | | I I | | | | | | | | | | |
| Consultant Selection & Contracting | 1 | 01OCT01A | 31JAN02A | | | Consu | ultant S | electio | n & Cor | ntrac | ting | | 1 | | | I | | | | | | I | | 1 | I | I |
| Program Development & Coordination | 1 | 01FEB02A | 28FEB02A | | | Pr | ogram | Develo | pment | & Co | ordinat | ion | | | | | | | | | | - | | | | |
| Prepare Work Plan, Initial Model Studies | 105 | 01MAR02A | 30JUL02A | | | | | | Pre | pare | Work F | Plan, | Initial | Mode | l Stud | ies | | | | | | i | | i | | |
| Summer Season Studies | 67 | 31JUL02A | 01NOV02A | | i | | i | i | | | Su | ımme | r Seas | on S | udies | i | i | | | ii | | i | | i | i | i |
| Fall Season Studies | 104 | 04NOV02A | 07JAN03A | I I | 1 | 1 1 | 1 | 1 | | | | | √ Fall∶ | Seasc | n Stu | dies | 1 | | | | | 1 | | 1 | I I | 1 |
| Winter Season Studies | 59 | | 03APR03A | | | | | 1 | | | | 4 | | | √ Wint | er Se | ason S | tudi | es | | | - | | | | |
| Development of Contaminant Despersion | 14 | | 30APR03A | | | | | | | | | | | | | evel | pment | ofC | ontai | minan | t Des | persio | n M | odel | | |
| Data Evaluation & Report Generation | 14 | | 30APR03A | | i | | | i | ii | | i | i I | į | i | | ata E | valuati | ion 8 | Repo | ort Ge | enerat | ion | | i | i | i |



COUNCIL DISTRICT 6 PRIORITY 6-9e

PROJECT:

Project Name: MB Human Pathogenic Viruses Study

Project Description: Perform an epidemiology study at 6 selected locations on Mission Bay to assess human health risks and the connection between water contact, such as human illnesses and its frequency. This study will include testing for pathogenic viral contamination. This project supports the Mayor's goal to reduce beach posting and closure days by 50% by 2004.

Updated: March 18, 2004

CIP#:

Cross Reference:

Mayor's Goal: #4, Clean Up Our Beaches and Bays.

CURRENT LEAD AND SUPPORTING DEPARTMENTS:

Department: General Services

Director: Ernie Anderson

Key Contact for more information: Ruth Kolb 525-8636 Supporting Departments: Metropolitan Wastewater

ACTION PLAN:

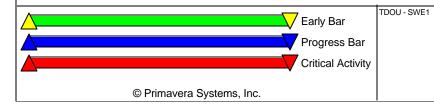
- 1. Is the project adequately defined? Yes.
- 2. Is policy direction needed? No.
- 3. What will it cost? \$1,675,290
- 4. Is it funded (Capital and Maintenance and Operations)? Yes.
- 5. What is the source? State Clean Up and Abatement Fund and Supplemental Environmental Project for Tecolote Spill.
- 6. Has it been designed? N/A
- 7. Has the community been involved? No.
- 8. Is it permitted? N/A
- 9. Is it under construction? N/A

TIME LINE:

Milestones:

| Enrollment of swimmer and non-swimmer participants was completed. | 9/1/2003 |
|-------------------------------------------------------------------------------------------------------------------------|------------|
| Data analysis has started and will continue. | 9/2004 |
| Steering Committee Meeting | 5/24/2004 |
| Final report will be submitted to the State Water Resources Control Board and the Regional Water Quality Control Board. | 12/31/2004 |

| Activity Description | Orig Dur | Early Start | Early Finish | PY02 FY03 PY04 FY05 PY05 PY05 PY05 PY05 PY05 PY05 PY05 P |
|---------------------------------------|-------------|----------------|-----------------|-----------------------------------------------------------------------------|
| MB Human Pathogenic Viruses Study | | | | |
| Study Development & Research Team | 22 | 03JUN02A | 02JUL02A | Study Development & Research Team |
| Prepare Study Design w/Research Team | 290 | 03JUN02A | 30APR03A | Prepare Study Design w / Research Team |
| 1st Steering Committee Meeting | 0 | 18JUL02A | | ♦ 1st Steering Committee Meeting |
| Pilot Study Determine # of Bathers | 31 | 19AUG02A | 01OCT02A | Pilot Study Determine # of Bathers |
| Interview Epidemiologist Candidates | 1 | 01OCT02A | 01OCT02A | Interview Epidemiologist Candidates Interview Epidemiologist Candidates |
| 2nd Steering Committee Meeting | 0 | 01OCT02A | | ♦ 2nd Steering Committee Meeting |
| Select Project Epidemiologist | 22 | 02OCT02A | 31OCT02A | Select Project Epidemiologist |
| Prepare Study Design w/ Research Team | 181 | 05NOV02A | 30APR03A | Prepare Study Design w/ Research Team |
| Dry Season Epidemiology Study | 68 | 27MAY03A | 02SEP03A | Dry Season Epidemiology Study |
| Steering Committee Meeting | 0 | 02JUN03A | | Steering Committee Meeting |
| Steering Committee Meeting | 0 | 02JUL03A | | ♦ Steering Committee Meeting |
| Stakeholder Meeting & Management | 10 | 08AUG03A | 21AUG03A | ✓ Stakeholder Meeting & Management |
| Data Analysis | 253 | 02SEP03A | 01SEP04 | Data Analysis |
| Steering Committee Meeting | 0 | 24MAY04* | | Steering Committee Meeting |
| Report Preparation | 68 | 23SEP04* | 30DEC04 | Report Preparation |
| Report Submission | 0 | | 30DEC04 | Report Submission |



MB Human Pathogenic Viruses Study 6-9e



| art Date | 22MAY02 |
|-----------|---------|
| nish Date | 30DEC04 |
| ata Date | 01MAR04 |

COUNCIL DISTRICT 6 PRIORITY 6-9f

Updated: March 18, 2004

PROJECT:

Project Name: San Diego River/Ocean Beach Water Quality Imprvmts

Project Description: Phase 1: Identified bacteria sources along the San Diego River that would likely reach the beaches; Phase 2: Abate sources by implementing structural Best Management Practices. This project supports the Mayor's goal to reduce beach posting and closure days by 50% by 2004.

CIP #: 320530 Cross Reference:

Mayor's Goal: #4, Clean Up Our Beaches and Bays.

CURRENT LEAD AND SUPPORTING DEPARTMENTS:

Department: General Services
Director: Ernie Anderson

Key Contact for more information: Ruth Kolb 525-8636

Supporting Departments:

ACTION PLAN:

- 1. Is the project adequately defined? Yes.
- 2. Is policy direction needed? No.
- 3. What will it cost? \$1,500,000
- 4. Is it funded (Capital and Maintenance and Operations)? Yes.
- 5. What is the source? Clean Beaches Initiative Proposition 13 grant
- 6. Has it been designed? No.
- 7. Has the community been involved? No.
- 8. Is it permitted? No.
- 9. Is it under construction? No.

TIME LINE:

Milestones:

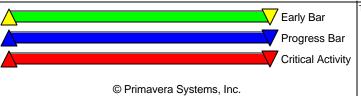
| State Board Division Financial Assistance Approval | 2/20/2004 |
|----------------------------------------------------------------------------------|------------|
| Phase II project draft contract | 6/2004 |
| Phase I final report to the State Wate Resources Control Board | 9/30/2003 |
| Phase II project proposal submission to the State Water Resources Control Board. | 12/2003 |
| Execute contract | 6/30/2004 |
| Kelp and dog waste management plan | 10/29/2004 |
| Design project | 10/29/2004 |
| Resource Agency Permits | 9/30/2004 |
| Construction | 11/30/2005 |
| Reporting | 3/1/2006 |

COUNCIL DISTRICT 6 PRIORITY 6-9f

Monitoring 3/1/2006

Updated: March 18, 2004

| Activity | Orig | Early | Early | FY03 FY04 FY05 FY06 FY07 JASONDJEMAMJJASONDJEMAMJJASONDJEMAMJJASONDJEMAMJJASONDJEMAMJJASONDJEMAM |
|--------------------------------------------------|------|-------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Dur | Start | Finish | IN A MISINIO ISIA L'UNIO ISIA L'UNIO ISIA L'UNIA MISILI DIN O ISIA L'UN |
| San Diego River/OB Water Quality Imp | | | | |
| Quality Assurance Project Plan | 22 | 01AUG02A | 30AUG02A | Quality Assurance Project Plan |
| Project Status Report | C | 02DEC02A | | ♦ Project Status Report |
| Conduct River Water Quality Monitoring | 22 | 02DEC02A | 04SEP03A | Conduct River Water Quality Monitoring |
| Identify Segments for Source Investigation | 22 | 02DEC02A | 03JAN03A | Identify Segments for Source Investigation |
| Immediate Sewage Infrastructure Recommendations | 177 | 02DEC02A | 30JUN03A | Immediate Sewage Infrastructure Recommendations |
| Conduct Visual Observation Monitoring | 215 | 02DEC02A | 30SEP03A | Conduct Visual Observation Monitoring |
| Conduct Human Sewage Investigation | 124 | 02JAN03A | 30JUN03A | Conduct Human Sewage Investigation |
| Project Status Report | C | 01APR03A | | ♦ Project Status Report |
| Project Status Report | C | 01JUL03A | | Project Status Report |
| Report of Findings & Recommendations | 43 | 01AUG03A | 04SEP03A | Report of Findings & Recommendations |
| Project Status Report | C | 010CT03A | | Project Status Report |
| Conduct Storm Drain & Pump Station Investigation | 84 | | 30JUN03A | Conduct Storm Drain & Pump Station Investigation |
| Phase II Submission | C | 12DEC03A | | ♦ Phase II Submission |
| State Board Division Financial Assistance | C | 20FEB04A | | State Board Division Financial Assistance |
| Execute Contract | 1 | 23FEB04A | 30JUN04 | Execute Contract |
| Kelp and Dog Waste Management Plan | 85 | 01JUL04 | 29OCT04 | Kelp and Dog Waste Management Plan |
| Design Project | 85 | 01 JUL 04 | 29OCT04 | Design Project |
| Resource Agency Permits | 64 | 01JUL04 | 30SEP04 | Resource Agency Permits |
| Construction | 271 | 01NOV04 | 30NOV05 | Construction |
| Reporting | 417 | '01 JUL 04 | 01MAR06 | △ Reporting |
| Monitoring | 417 | ' 01JUL04 | 01MAR06 | Monitoring Monitoring |



TDOU - TDE2

San Diego River/ Ocean Beach Water Quality Improvements 6-9f



| art Date | 01JUN02 |
|-----------|---------|
| nish Date | 01MAR06 |
| ata Date | 01MAR04 |

COUNCIL DISTRICT 6 PRIORITY 6-9g

Updated: March 18, 2004

PROJECT:

Project Name: Mission Bay Bacteria Source Identification

Project Description: Combines two projects from the work program prepared to support the Mayor's goal to reduce beach posting and closure days by 50% by 2004, Mission Bay Source Identification Survey and Mission Bay Dry Weather Bacterial Source Testing. Execute source identification survey on twelve chronic problem areas in Mission Bay and execute a sampling program and analyze for biological - DNA or RNA and other chemical markers to determine the sources of bacteriological contamination at nine of the twelve areas.

CIP #:

Cross Reference:

Mayor's Goal: #4, Clean Up Our Beaches and Bays.

CURRENT LEAD AND SUPPORTING DEPARTMENTS:

Department: General Services

Director: Ernie Anderson

Key Contact for more information: Ruth Kolb 525-8636 Supporting Departments: Metropolitan Wastewater

ACTION PLAN:

- 1. Is the project adequately defined? Yes.
- 2. Is policy direction needed? No.
- 3. What will it cost? \$1,300,000
- 4. Is it funded (Capital and Maintenance and Operations)? Yes.
- 5. What is the source? State Clean Beaches Proposition 13 Funds
- 6. Has it been designed? N/A
- 7. Has the community been involved? No.
- 8. Is it permitted? N/A
- 9. Is it under construction? N/A

TIME LINE:

Milestones:

Phase I final report to State Water Resources Control Board. 6/30/03

Phase II completion 6/30/04

Updated: September 19, 2002

COUNCIL DISTRICT 6

PRIORITY 6-9h

PROJECT:

Project Name: Dog Beach Bacteria Source Reduction

Project Description: Implement pollution prevention measures at Dog Beach to address the high bacteria counts including new signs, increased trash cans, providing bags

for picking up piles, and enforcement of Municipal Code.

CIP #: N/A

Cross Reference:

Mayor's Goal: #4, Clean up our Beaches & Bays

CURRENT LEAD AND SUPPORTING DEPARTMENTS:

Department Name: Park & Recreation

Director: vacant

Key Contact for more information: Ted Medina, Deputy Director

Supporting Departments: General Services, Police

ACTION PLAN:

- 1. Is the project adequately defined? Yes.
- 2. Is policy direction needed? No.
- 3. What will it cost? (Included in FY2003 operating budget
- 4. Is it funded (Capital and Maintenance and Operations)? Yes.
- 5. What is the source? General Fund
- 6. Has it been designed? N/A
- 7. Has the community been involved? Yes. Presentation to OB Town Council in October 2001
- 8. Is it permitted? N/A
- 9. Is it under construction? N/A

TIME LINE: Improvements in operation implemented.

Milestones:

Install and maintain at least four (4) "poop bag" dispensers for dog beach visitors to use. Routinely inspect dispensers and supply bags throughout the year with emphasis on the peak periods when hundreds of dogs per day visit Dog Beach.

Provided and will maintain 10 additional trash cans within the off leash dog area.

Provided and will maintain 6 new trash cans in the parking lot area adjacent to off leash dog area.

Establish a buffer area, which requires dogs to be on leashes adjacent to the allowable off leash dog area.

Installed 12 new signs, which clearly delineate the areas where dogs must be on leash (i.e. dogs must be on leash to and from the parking lot).

Replaced the existing "Leave only paw prints" signs within Dog Beach to state non-compliance with the Municipal Code will be subject to fines.

Instituted 7 -days a week enforcement of the SDMC §44.0304.1 (began 11/16/01)

Beginning in May 2002, the Storm Water Pollution Prevention Program will be conducting a comprehensive monitoring program intended to identify the sources of bacteria.

COMPLETE